

T. McKeley

Re-run

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#28
OCT 24 2001
TECH CENTER 1600/2900
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/08/930,480C
DATE: 10/19/2001
TIME: 11:34:11

Input Set : A:\US08930480C.raw
Output Set: N:\CRF3\10192001\H930480C.raw

C--> 1 <110> APPLICANT: BRACCO, Laurent
2 SCHWEIGHOFFER, Fabien
3 TOCQUE, Bruno
4 <120> TITLE OF INVENTION: Conditional Expression System
5 <130> FILE REFERENCE: ST95021-US
6 <140> CURRENT APPLICATION NUMBER: US/08/930,480C
7 <141> CURRENT FILING DATE: 1998-01-21
8 <150> PRIOR APPLICATION NUMBER: PCT/FR96/00477
9 <151> PRIOR FILING DATE: 1996-03-29
10 <150> PRIOR APPLICATION NUMBER: FR95/-3841
11 <151> PRIOR FILING DATE: 1995-03-31
12 <160> NUMBER OF SEQ ID NOS: 35
13 <170> SOFTWARE: PatentIn version 3.0
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 19
17 <212> TYPE: DNA
18 <213> ORGANISM: Escherichia coli
19 <400> SEQUENCE: 1
20 tctctatcac tgatagga
22 <210> SEQ ID NO: 2
23 <211> LENGTH: 17
24 <212> TYPE: DNA
25 <213> ORGANISM: Bacteriophage lambda
26 <400> SEQUENCE: 2
27 tatcaccgca agggata
29 <210> SEQ ID NO: 3
30 <211> LENGTH: 74
31 <212> TYPE: PRT
32 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 3
34 Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg
35 1 5 10 15
36 Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys
37 20 25 30
38 Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser
39 35 40 45
40 His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu
41 50 55 60
42 Met Phe Lys Thr Glu Gly Pro Asp Ser Asp
43 65 70
45 <210> SEQ ID NO: 4
46 <211> LENGTH: 768
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: ScFv against p53
51 <400> SEQUENCE: 4

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52      ttactcgcgg cccagccggc catggcccag gtgcagctgc agcagtctgg ggcagagctt      60
53      gtaaggtcag gggcctcagt caagttgtcc tgcacagctt ctggcttcaa cattaagac      120
54      tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt      180
55      gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact      240
56      gcagacacat cctccaatac agcctacctg cagctcagca gcctggcatc tgaggacact      300
57      gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg      360
58      gtcaccgtct cctcagggtg aggcgggttc ggcgagggtg gctctggcgg tggcggatcg      420
59      gatgttttga tgacccaaac tccactcact ttgtcggtta ccattggaca accagcctcc      480
60      atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg      540
61      ttgttacaga ggccaggcca gtctccaaag cgcctaactc atctggtgtc taaactggac      600
62      tctggagtcc ctgacagggt cactggcagt ggatcaggga cagatttcac acttaaaatc      660
63      aacagagtgg aggcgtgagga ttggggagtt tattattgct ggcaaggtag acattctcgg      720
64      cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca      768
66 <210> SEQ ID NO: 5
67 <211> LENGTH: 15
68 <212> TYPE: PRT
69 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Peptide linker (hinge)
72 <400> SEQUENCE: 5
73      Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
74      1          5          10          15
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 10
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Peptide linker
82 <400> SEQUENCE: 6
83      Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser
84      1          5          10
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87 <211> LENGTH: 30
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: DNA encoding peptide linker
92 <400> SEQUENCE: 7
93      cccaagccca gtaccccccc aggttcttca      30
95 <210> SEQ ID NO: 8
96 <211> LENGTH: 6
97 <212> TYPE: PRT
98 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: VSV epitope (tag peptide sequence)
101 <400> SEQUENCE: 8
102      Met Asn Arg Leu Gly Lys
103      1          5
105 <210> SEQ ID NO: 9

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109 <220> FEATURE:
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112      atgaaccggc tgggcaag
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115 <211> LENGTH: 11
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: myc epitope (peptide tag sequence)
120 <400> SEQUENCE: 10
121      Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn
122      1          5          10
124 <210> SEQ ID NO: 11
125 <211> LENGTH: 33
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: DNA encoding myc epitope
130 <400> SEQUENCE: 11
131      gaacaaaaac tcatctcaga agaggatctg aat
133 <210> SEQ ID NO: 12
134 <211> LENGTH: 7
135 <212> TYPE: PRT
136 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: SV40 virus nuclear localization peptide
139 <400> SEQUENCE: 12
140      Pro Lys Lys Lys Arg Lys Val
141      1          5
143 <210> SEQ ID NO: 13
144 <211> LENGTH: 4
145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Repeating unit of cationic polymer
149 <400> SEQUENCE: 13
150      Leu Lys Leu Lys
151      1
153 <210> SEQ ID NO: 14
154 <211> LENGTH: 4
155 <212> TYPE: PRT
156 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: repeating unit of cationic polymer
159 <400> SEQUENCE: 14

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160      Leu Lys Lys Leu
161      1
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164 <211> LENGTH: 23
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: plasmid fragment
169 <400> SEQUENCE: 15
170      gatcctatca ccgcaaggga taa                23
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173 <211> LENGTH: 23
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <223> OTHER INFORMATION: pcr primer
178 <400> SEQUENCE: 16
179      agctttatcc cttgcggtga tag                23
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182 <211> LENGTH: 76
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: pcr primer
187 <400> SEQUENCE: 17
188      ggctctagac ccaagcccag tccccccca ggttcttcaa cgcgtggatc catgtccaga        60
189      ttagataaaa gtaaag                          76
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192 <211> LENGTH: 51
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: pcr primer
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198      cgtacggaat tcgggccctt actcgaggga cccactttca catttaagtt g                51
200 <210> SEQ ID NO: 19
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203 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: pcr primer
206 <400> SEQUENCE: 19
207      ggctctagac ccaagcccag tccccccca ggttcttcaa cgcgtggatc catggaacaa        60
208      cgcataaccc tgaaag                          76
210 <210> SEQ ID NO: 20
211 <211> LENGTH: 51
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:

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215 <223> OTHER INFORMATION: pcr primer
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217      cgtacggaat tcgggccctt actcgagtgc tgttggtttt ttgttactcg g      51
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220 <211> LENGTH: 35
221 <212> TYPE: DNA
222 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: pcr primer
225 <400> SEQUENCE: 21
226      caggccatgg catgaagaaa cactggatg gagaa      35
228 <210> SEQ ID NO: 22
229 <211> LENGTH: 43
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: pcr primer
234 <400> SEQUENCE: 22
235      cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc      43
237 <210> SEQ ID NO: 23
238 <211> LENGTH: 31
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: pcr primer
243 <400> SEQUENCE: 23
244      caggctcgag aagaaaccac tggatggaga a      31
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247 <211> LENGTH: 61
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: pcr primer
252 <400> SEQUENCE: 24
253      caggctcgag cccaagccca gtaccccccc aggttcttca aagaaaccac tggatggaga      60
254      a      61
256 <210> SEQ ID NO: 25
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259 <213> ORGANISM: Artificial Sequence
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261 <223> OTHER INFORMATION: pcr primer
262 <400> SEQUENCE: 25
263      ggtcgaattc gggccctcag tctgagtcag gcccttc      37
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266 <211> LENGTH: 29
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:

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VERIFICATION SUMMARY

DATE: 10/19/2001

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L:6 M:270 C: Current Application Number differs, Wrong Format